The State of New Hampshire
*Department of Environmental Services*

**Michael P. Nolin**
Commissioner

# AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS

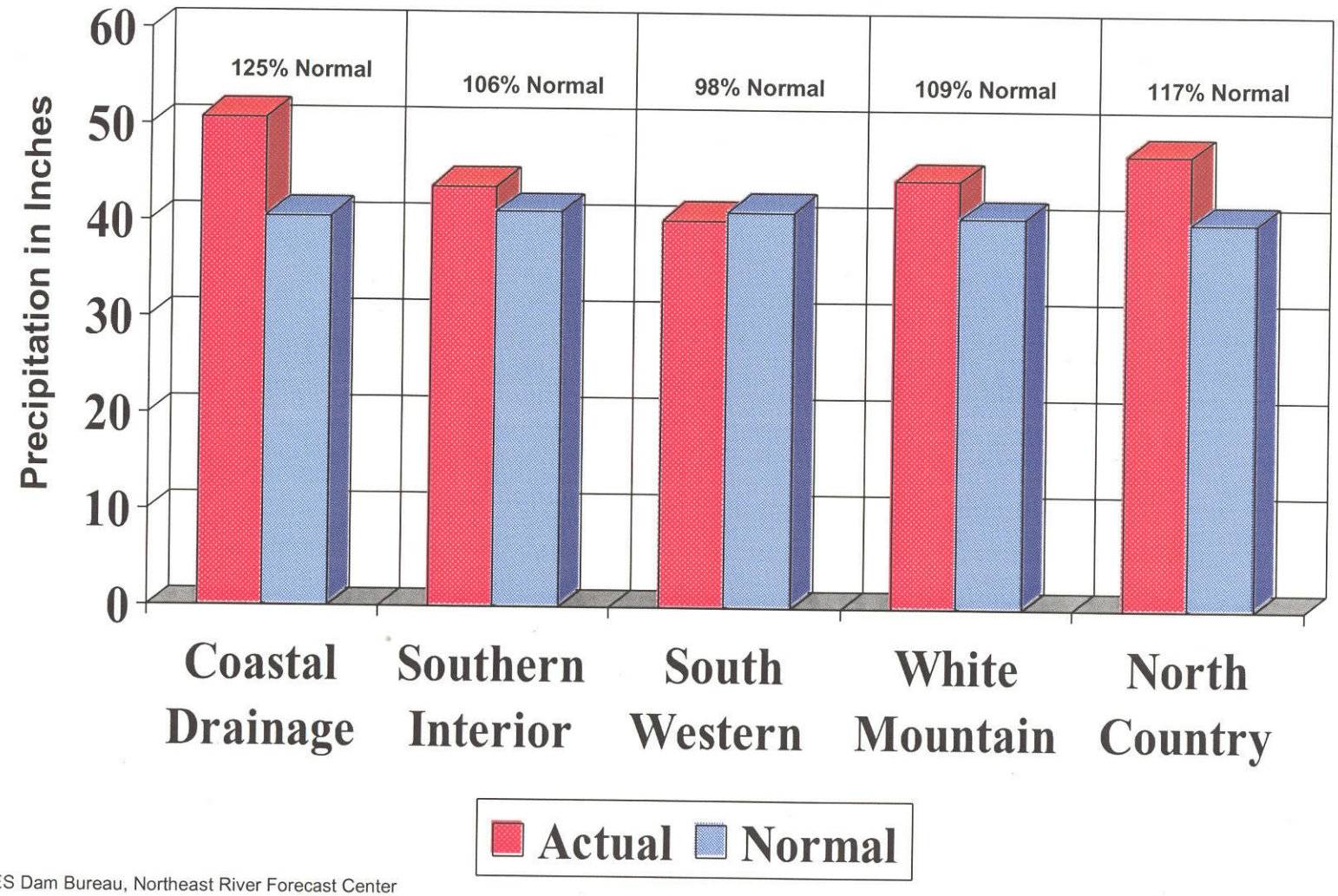
| | Actual Rainfall (inches) | Normal Rainfall (inches) | Deviation from Normal (inches) | Percent of Normal |
|---|---|---|---|---|
| Coastal Drainage: Rockingham, Strafford counties | | | | |
| four month | 18.90 | 12.96 | 5.94 | 146% |
| six month | 33.25 | 19.72 | 13.53 | 169% |
| nine month | 36.98 | 29.02 | 7.96 | 127% |
| twelve month | 50.72 | 40.56 | 10.16 | 125% |
| Southern Interior: Belknap, Hillsborough, Merrimack counties | | | | |
| four month | 15.64 | 13.49 | 2.15 | 116% |
| six month | 27.87 | 20.27 | 7.60 | 138% |
| nine month | 30.94 | 29.71 | 1.23 | 104% |
| twelve month | 43.68 | 41.08 | 2.60 | 106% |
| South Western: Cheshire, Sullivan counties | | | | |
| four month | 15.96 | 13.84 | 2.12 | 115% |
| six month | 25.53 | 20.76 | 4.77 | 123% |
| nine month | 28.45 | 30.18 | -1.74 | 94% |
| twelve month | 40.34 | 41.18 | -0.84 | 98% |
| White Mountain: Carroll, Grafton counties | | | | |
| four month | 15.41 | 14.24 | 1.17 | 108% |
| six month | 25.10 | 21.04 | 4.06 | 119% |
| nine month | 27.93 | 29.66 | -1.73 | 94% |
| twelve month | 44.48 | 40.66 | 3.82 | 109% |
| North Country: Coos county | | | | |
| four month | 17.03 | 15.52 | 1.51 | 110% |
| six month | 25.03 | 21.88 | 3.15 | 114% |
| nine month | 28.78 | 29.84 | -1.06 | 96% |
| twelve month | 47.27 | 40.24 | 7.03 | 117% |

four month period : June 2004 - September 2004
six month period : April 2004 - September 2004
nine month period : January 2004 - September 2004
twelve month period: October 2003 - September 2004

Source: Northeast River Forecast Center, NH Des Dam Bureau

**P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095**
Telephone: (603) 271-3503 • Fax: (603) 271-7894 • TDD Access: Relay NH 1-800-735-2964
DES Web site: **www.des.nh.gov**

# TWELVE MONTH AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS from October 2003 through September 2004




NH DES Dam Bureau, Northeast River Forecast Center

# MONTHLY PRECIPITATION DATA FOR N.H COUNTIES

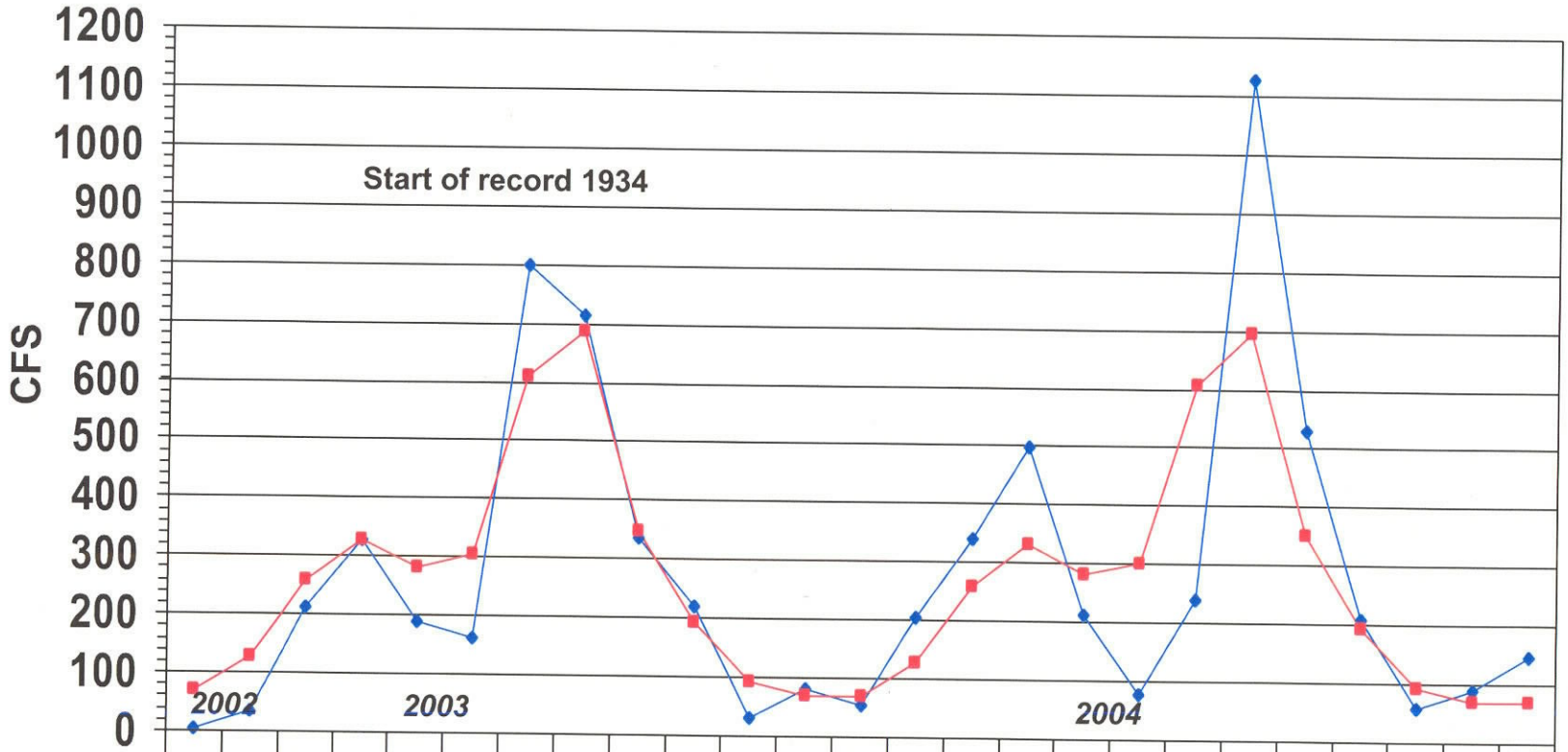
| | | 2003 OCT | NOV | DEC | 2004 JAN | FEB | MARCH | APRIL | MAY | JUNE | JULY | AUG | SEPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Coastal drainage | | | | | | | | | | | | | |
| STRAFFORD | actual | 5.63 | 2.56 | 5.64 | 0.70 | 1.34 | 1.50 | 8.23 | 6.68 | 2.58 | 4.85 | 6.57 | 5.09 |
| | normal | 3.48 | 4.12 | 3.76 | 3.12 | 2.72 | 3.20 | 3.40 | 3.28 | 3.04 | 3.12 | 3.28 | 3.32 |
| | deviation | 2.15 | -1.56 | 1.88 | -2.42 | -1.38 | -1.70 | 4.83 | 3.40 | -0.46 | 1.73 | 3.29 | 1.77 |
| ROCKINGHAM | actual | 5.15 | 2.83 | 5.67 | 1.00 | 1.25 | 1.67 | 8.44 | 5.36 | 2.94 | 3.90 | 6.37 | 5.49 |
| | normal | 3.56 | 4.24 | 3.92 | 3.32 | 2.84 | 3.40 | 3.44 | 3.40 | 3.12 | 3.20 | 3.44 | 3.40 |
| | deviation | 1.59 | -1.41 | 1.75 | -2.32 | -1.59 | -1.73 | 5.00 | 1.96 | -0.18 | 0.70 | 2.93 | 2.09 |
| Average | actual | 5.39 | 2.70 | 5.66 | 0.85 | 1.30 | 1.59 | 8.34 | 6.02 | 2.76 | 4.38 | 6.47 | 5.29 |
| | normal | 3.52 | 4.18 | 3.84 | 3.22 | 2.78 | 3.30 | 3.42 | 3.34 | 3.08 | 3.16 | 3.36 | 3.36 |
| | deviation | 1.87 | -1.49 | 1.82 | -2.37 | -1.49 | -1.72 | 4.92 | 2.68 | -0.32 | 1.22 | 3.11 | 1.93 |
| Southern Interior | | | | | | | | | | | | | |
| HILLSBOROUGH | actual | 4.33 | 2.45 | 5.63 | 1.00 | 1.20 | 1.39 | 8.25 | 4.27 | 2.34 | 3.53 | 4.09 | 5.53 |
| | normal | 3.72 | 4.32 | 4.16 | 3.60 | 3.16 | 3.88 | 3.56 | 3.52 | 3.36 | 3.32 | 3.68 | 3.60 |
| | deviation | 0.61 | -1.87 | 1.47 | -2.60 | -1.96 | -2.49 | 4.69 | 0.75 | -1.02 | 0.21 | 0.41 | 1.93 |
| MERRIMACK | actual | 4.65 | 2.62 | 5.83 | 0.74 | 1.18 | 1.40 | 7.36 | 5.71 | 2.53 | 4.37 | 4.48 | 5.20 |
| | normal | 3.44 | 4.00 | 3.92 | 3.16 | 2.84 | 3.40 | 3.36 | 3.36 | 3.20 | 3.28 | 3.44 | 3.36 |
| | deviation | 1.21 | -1.38 | 1.91 | -2.42 | -1.66 | -2.00 | 4.00 | 2.35 | -0.67 | 1.09 | 1.04 | 1.84 |
| BELKNAP | actual | 4.38 | 3.09 | 5.26 | 0.47 | 0.76 | 1.06 | 5.80 | 5.29 | 2.19 | 4.12 | 4.77 | 3.78 |
| | normal | 3.28 | 3.80 | 3.48 | 2.92 | 2.44 | 2.92 | 3.24 | 3.28 | 3.16 | 3.44 | 3.28 | 3.36 |
| | deviation | 1.10 | -0.71 | 1.78 | -2.45 | -1.68 | -1.86 | 2.56 | 2.01 | -0.97 | 0.68 | 1.49 | 0.42 |
| Average | actual | 4.45 | 2.72 | 5.57 | 0.74 | 1.05 | 1.28 | 7.14 | 5.09 | 2.35 | 4.01 | 4.45 | 4.84 |
| | normal | 3.48 | 4.04 | 3.85 | 3.23 | 2.81 | 3.40 | 3.39 | 3.39 | 3.24 | 3.35 | 3.47 | 3.44 |
| | deviation | 0.97 | -1.32 | 1.72 | -2.49 | -1.77 | -2.12 | 3.75 | 1.70 | -0.89 | 0.66 | 0.98 | 1.40 |
| South Western | | | | | | | | | | | | | |
| CHESHIRE | actual | 3.11 | 2.85 | 4.39 | 0.83 | 0.94 | 1.13 | 4.92 | 4.87 | 1.89 | 4.51 | 5.55 | 4.21 |
| | normal | 3.36 | 3.84 | 3.76 | 3.28 | 2.80 | 3.48 | 3.40 | 3.44 | 3.44 | 3.28 | 3.68 | 3.52 |
| | deviation | -0.25 | -0.99 | 0.63 | -2.45 | -1.86 | -2.35 | 1.52 | 1.43 | -1.55 | 1.23 | 1.87 | 0.69 |
| SULLIVAN | actual | 4.66 | 3.49 | 5.29 | 0.68 | 1.11 | 1.14 | 4.79 | 4.56 | 2.24 | 4.28 | 4.37 | 4.87 |
| | normal | 3.48 | 3.84 | 3.72 | 3.12 | 2.80 | 3.36 | 3.44 | 3.56 | 3.36 | 3.32 | 3.64 | 3.44 |
| | deviation | 1.18 | -0.35 | 1.57 | -2.44 | -1.69 | -2.22 | 1.35 | 1.00 | -1.12 | 0.96 | 0.73 | 1.43 |
| Average | actual | 3.89 | 3.17 | 4.84 | 0.76 | 1.03 | 1.14 | 4.86 | 4.72 | 2.07 | 4.40 | 4.96 | 4.54 |
| | normal | 3.42 | 3.84 | 3.74 | 3.20 | 2.80 | 3.42 | 3.42 | 3.50 | 3.40 | 3.30 | 3.66 | 3.48 |
| | deviation | 0.47 | -0.67 | 1.10 | -2.45 | -1.78 | -2.29 | 1.44 | 1.22 | -1.34 | 1.10 | 1.30 | 1.06 |
| White Mountain | | | | | | | | | | | | | |
| GRAFTON | actual | 5.29 | 3.76 | 6.36 | 0.58 | 0.85 | 1.11 | 3.64 | 5.31 | 2.32 | 4.34 | 5.79 | 2.90 |
| | normal | 3.48 | 3.76 | 3.64 | 2.92 | 2.60 | 3.04 | 3.24 | 3.56 | 3.48 | 3.84 | 3.64 | 3.48 |
| | deviation | 1.81 | 0.00 | 2.72 | -2.34 | -1.75 | -1.93 | 0.40 | 1.75 | -1.16 | 0.50 | 2.15 | -0.58 |
| CARROLL | actual | 7.02 | 4.15 | 6.52 | 0.60 | 1.36 | 1.17 | 5.21 | 5.22 | 2.03 | 4.49 | 5.23 | 3.71 |
| | normal | 3.52 | 3.92 | 3.68 | 3.00 | 2.60 | 3.08 | 3.32 | 3.48 | 3.44 | 3.68 | 3.48 | 3.44 |
| | deviation | 3.50 | 0.23 | 2.84 | -2.40 | -1.24 | -1.91 | 1.89 | 1.74 | -1.41 | 0.81 | 1.75 | 0.27 |
| Average | actual | 6.16 | 3.96 | 6.44 | 0.59 | 1.11 | 1.14 | 4.43 | 5.27 | 2.18 | 4.42 | 5.51 | 3.31 |
| | normal | 3.50 | 3.84 | 3.66 | 2.96 | 2.60 | 3.06 | 3.28 | 3.52 | 3.46 | 3.76 | 3.56 | 3.46 |
| | deviation | 2.66 | 0.12 | 2.78 | -2.37 | -1.50 | -1.92 | 1.15 | 1.75 | -1.29 | 0.66 | 1.95 | -0.16 |
| North Country | | | | | | | | | | | | | |
| COOS | actual | 6.95 | 4.69 | 6.85 | 0.86 | 1.37 | 1.52 | 3.20 | 4.80 | 2.70 | 4.89 | 6.56 | 2.88 |
| | normal | 3.48 | 3.48 | 3.44 | 2.72 | 2.48 | 2.76 | 3.04 | 3.32 | 4.16 | 3.96 | 4.00 | 3.40 |
| | deviation | 3.47 | 1.21 | 3.41 | -1.86 | -1.11 | -1.24 | 0.16 | 1.48 | -1.46 | 0.93 | 2.56 | -0.52 |

Source: Northeast River Forecast Center, NH DES Dam Bureau

# LAMPREY RIVER near NEWMARKET NH
# Gage# 01073500

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

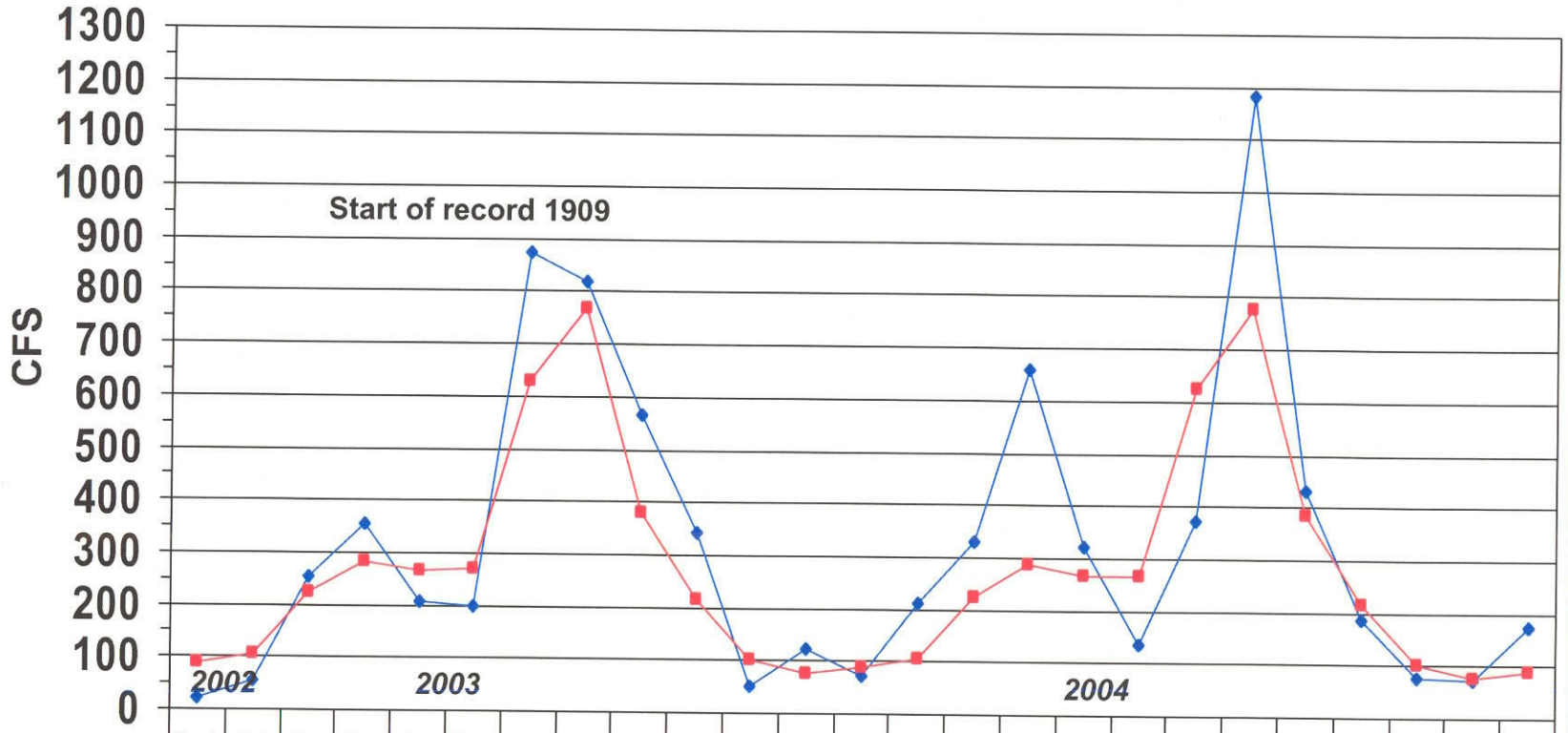
## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS




| | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Mean Flow | 5 | 36 | 211 | 329 | 189 | 161 | 799 | 712 | 337 | 220 | 32 | 80 | 53 | 206 | 338 | 498 | 212 | 79 | 241 | 1125 | 529 | 207 | 56 | 89 | 145 |
| Mean of Monthly Flow s | 70 | 127 | 259 | 328 | 282 | 303 | 610 | 687 | 348 | 192 | 92 | 70 | 70 | 128 | 260 | 330 | 281 | 300 | 605 | 694 | 351 | 192 | 91 | 71 | 71 |
| % of Normal | 7% | 28% | 81% | 100% | 67% | 53% | 131% | 104% | 97% | 115% | 35% | 114% | 76% | 161% | 130% | 151% | 75% | 26% | 40% | 162% | 151% | 108% | 62% | 125% | 204% |

NH DES, Dam Bureau, Source: USGS (Ice: 12/02, 01/03)

# SOUHEGAN RIVER at MERRIMACK NH
## Gage# 01094000
### MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



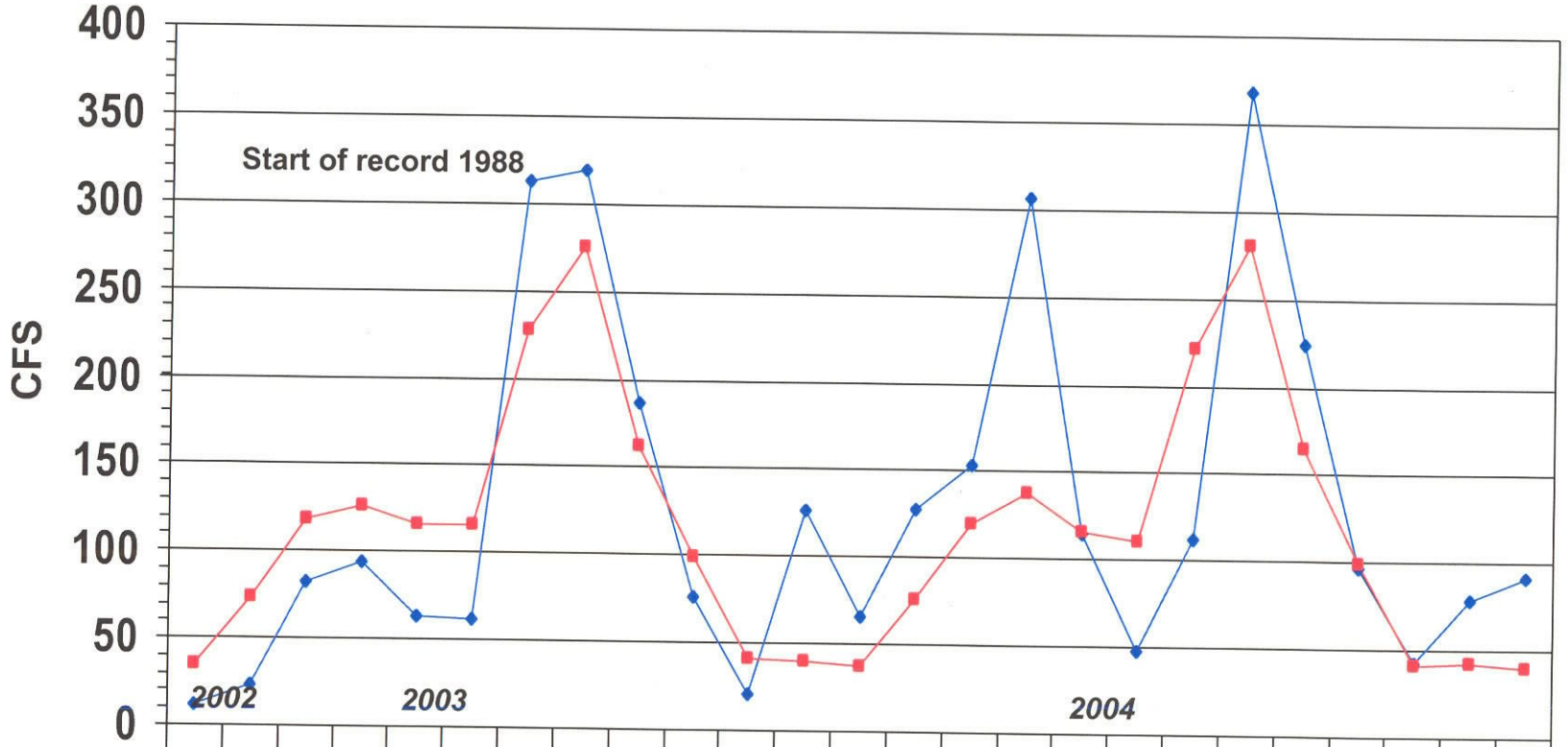

| | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Mean Flow | 21 | 55 | 252 | 353 | 206 | 197 | 873 | 817 | 564 | 342 | 52 | 123 | 71 | 209 | 330 | 657 | 319 | 137 | 371 | 1181 | 430 | 184 | 76 | 71 | 173 |
| Mean of Monthly Flow s | 88 | 106 | 223 | 283 | 267 | 270 | 627 | 770 | 381 | 215 | 101 | 78 | 88 | 107 | 225 | 288 | 268 | 268 | 624 | 776 | 382 | 214 | 100 | 78 | 89 |
| % of Normal | 24% | 52% | 113% | 125% | 77% | 73% | 139% | 106% | 148% | 159% | 51% | 158% | 81% | 195% | 147% | 228% | 119% | 51% | 59% | 152% | 112% | 81% | 65% | 79% | 194% |

NH DES, Dam Bureau, Source: USGS (ice-12/02,01/03,02/03,03/03,01/04,02/04)

# SOUCOOK RIVER at PEMBROKE ROAD
# near CONCORD NH, Gage# 01089100

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

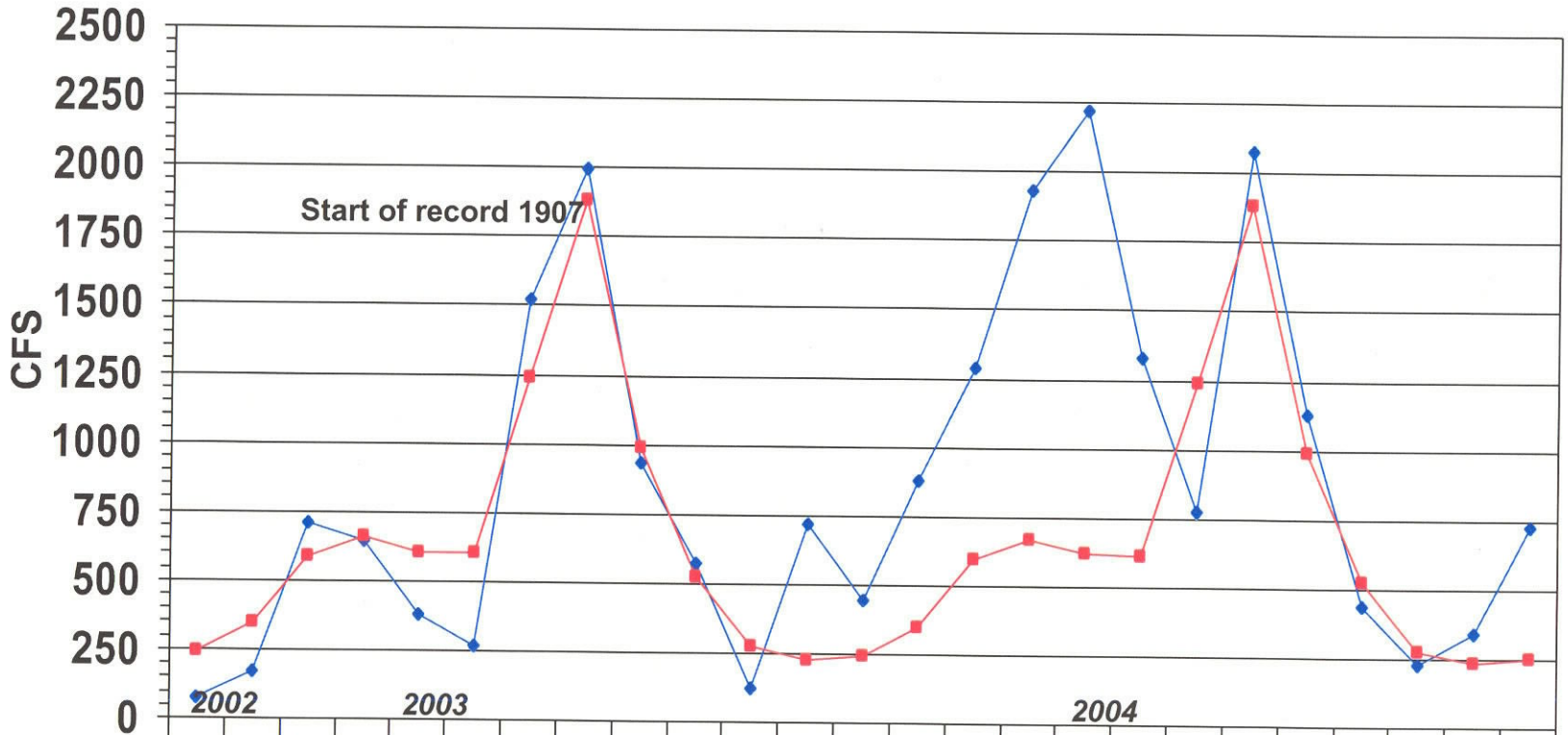
## MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS




| | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Mean Flow | 11 | 23 | 82 | 94 | 63 | 62 | 313 | 319 | 186 | 76 | 20 | 126 | 66 | 127 | 153 | 306 | 115 | 47 | 112 | 368 | 224 | 97 | 42 | 79 | 91 |
| Mean of Monthly Flow s | 35 | 73 | 118 | 126 | 116 | 116 | 228 | 275 | 162 | 99 | 41 | 40 | 37 | 76 | 120 | 138 | 116 | 111 | 221 | 281 | 165 | 99 | 41 | 42 | 40 |
| % of Normal | 31% | 32% | 69% | 75% | 54% | 53% | 137% | 116% | 115% | 77% | 49% | 315% | 178% | 166% | 128% | 222% | 99% | 42% | 51% | 133% | 136% | 98% | 102% | 188% | 228% |

NH DES, Dam Bureau, Source: USGS (ice: 11/02,12/02,01/03, 02/03, 03/03, 01/04, 02/04, 03/04).

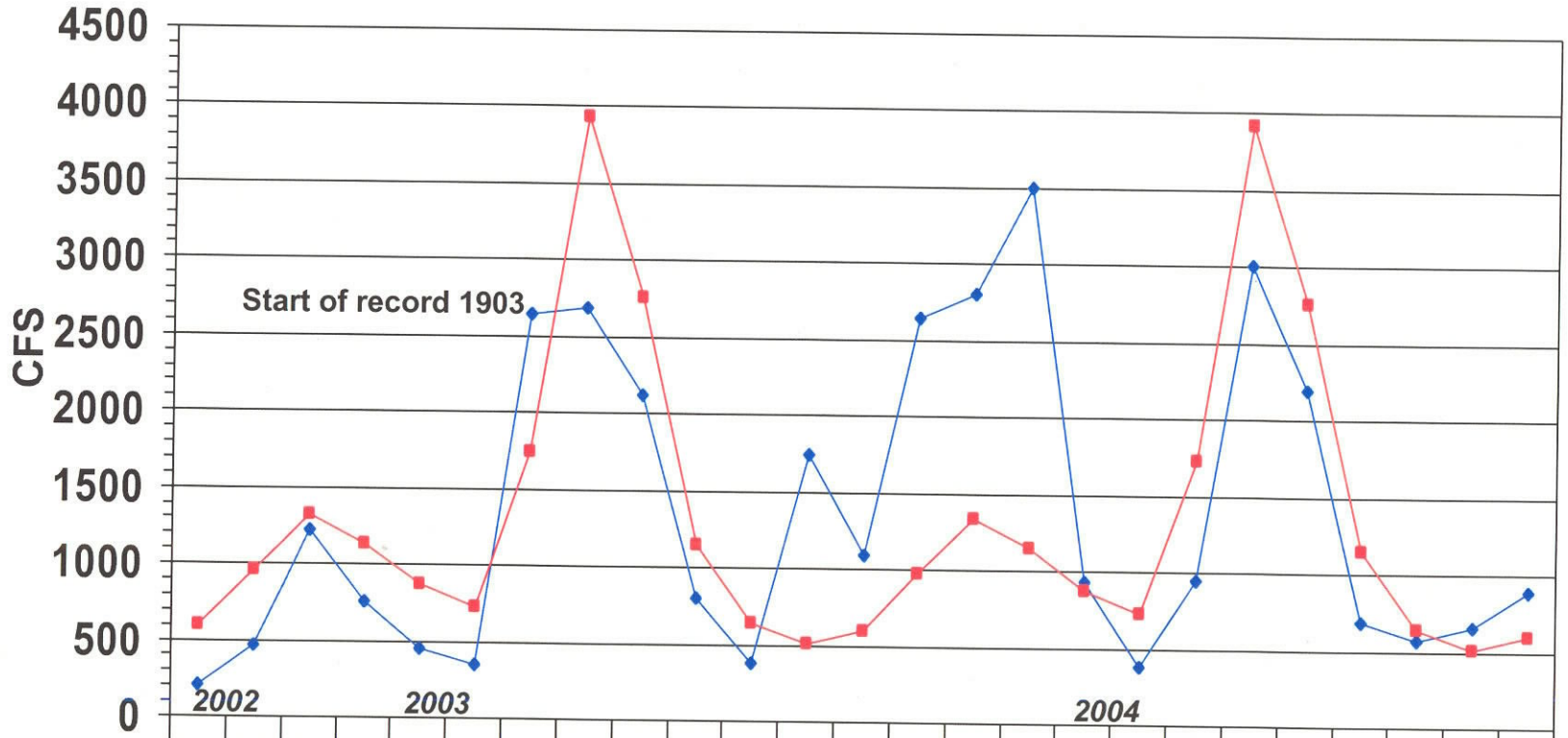
# ASHUELOT RIVER at HINSDALE NH
## Gage# 01161000
### MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS




| | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Mean Flow | 70 | 165 | 706 | 642 | 376 | 268 | 1518 | 1990 | 934 | 570 | 118 | 712 | 443 | 878 | 1290 | 1932 | 2220 | 1324 | 769 | 2072 | 1122 | 437 | 224 | 334 | 721 |
| Mean of Monthly Flow s | 241 | 343 | 586 | 657 | 601 | 600 | 1241 | 1880 | 989 | 524 | 274 | 229 | 244 | 349 | 594 | 670 | 618 | 608 | 1236 | 1882 | 991 | 523 | 274 | 230 | 249 |
| % of Normal | 29% | 48% | 120% | 98% | 63% | 45% | 122% | 106% | 94% | 109% | 43% | 311% | 182% | 252% | 217% | 288% | 359% | 218% | 62% | 110% | 113% | 84% | 82% | 145% | 290% |

NH DES, Dam Bureau, Source: USGS (ice: 12/02,01/03,02/03,03/03,01/04,02/04,03/04)

# PEMIGEWASSET RIVER at PLYMOUTH NH
## Gage# 01076500
### MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



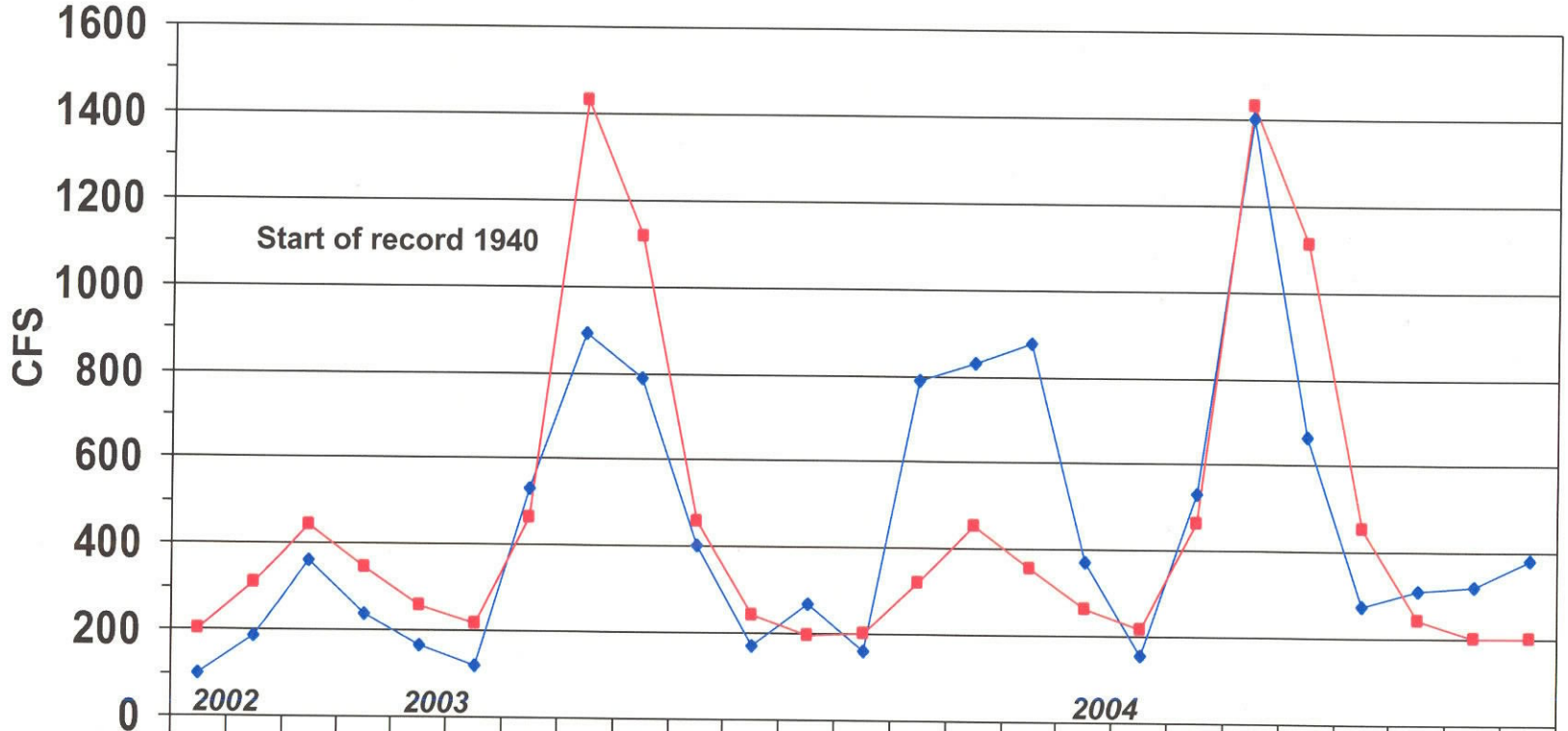

| | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Mean Flow | 198 | 458 | 1219 | 751 | 448 | 348 | 2641 | 2683 | 2116 | 799 | 380 | 1737 | 1083 | 2644 | 2800 | 3495 | 936 | 380 | 949 | 3009 | 2191 | 681 | 563 | 654 | 890 |
| Mean of Monthly Flow s | 590 | 953 | 1327 | 1129 | 868 | 730 | 1736 | 3933 | 2762 | 1152 | 635 | 513 | 595 | 970 | 1342 | 1152 | 869 | 726 | 1728 | 3924 | 2756 | 1147 | 634 | 515 | 598 |
| % of Normal | 34% | 48% | 92% | 67% | 52% | 48% | 152% | 68% | 77% | 69% | 60% | 339% | 182% | 271% | 209% | 303% | 108% | 52% | 55% | 77% | 79% | 59% | 89% | 127% | 149% |

NH DES, Dam Bureau, Source: USGS (ice: 12/02,01/03,02/03,03/03,12/03,01/04,02/04,03/04)

# UPPER AMMONOOSUC RIVER near GROVETON NH
## Gage# 01130000

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS




| | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April | May | June | July | Aug | Sept |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Monthly Mean Flow | 100 | 183 | 359 | 237 | 166 | 116 | 529 | 892 | 789 | 401 | 168 | 268 | 158 | 789 | 827 | 877 | 370 | 152 | 528 | 1397 | 662 | 271 | 307 | 320 | 381 |
| Mean of Monthly Flow s | 201 | 310 | 445 | 347 | 258 | 215 | 463 | 1430 | 1116 | 456 | 241 | 198 | 201 | 318 | 451 | 355 | 260 | 214 | 464 | 1429 | 1109 | 453 | 242 | 200 | 203 |
| % of Normal | 50% | 59% | 81% | 68% | 64% | 54% | 114% | 62% | 71% | 88% | 70% | 135% | 79% | 248% | 183% | 247% | 142% | 71% | 114% | 98% | 60% | 60% | 127% | 160% | 188% |

NH DES, Dam Bureau, Source: USGS(ice:11/02,12/02,01/03,02/03,03/03,04/03,12/03,01/04,02/04,03/04)

# STREAMFLOW DATA FOR SELECTED NH STATIONS AS OF OCTOBER 4, 2004

| Station number | Station name | | Est. Mean Flow (cfs) 10/4/2004 | Long Term Median Flow 10/4/2004 | 99% Flow (cfs) | 7Q10 Flow (cfs) | Lowest Period of Record Daily Flow (cfs) | % of Median | Below 0.99 Flow? | Below 7Q10 Flow? | Below Record Flow? |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Androscoggin River Basin** | | | | | | | | | | | |
| 01052500 | Diamond River near Wentworth Location, NH | | 63 | 124 | 22 | 16 | 6.8 | 51% | FALSE | FALSE | FALSE |
| 01053500 | Androscoggin River at Errol, NH | | 2,080 | 1,600 | 500 | 451 | 0 | 130% | FALSE | FALSE | FALSE |
| 01054000 | Androscoggin River near Gorham, NH | | 2,040 | 1,870 | 1300 | 1310 | 795 | 109% | FALSE | FALSE | FALSE |
| **Saco River Basin** | | | | | | | | | | | |
| 01064500 | Saco River near Conway, NH | | 313 | 297 | 105 | 97 | 66 | 105% | FALSE | FALSE | FALSE |
| 01064801 | BEARCAMP RIVER AT SOUTH TAMWORTH, NH | | 26 | 23 | 6 | 4.8 | 4.5 | 113% | FALSE | FALSE | FALSE |
| **Piscataqua River Basin** | | | | | | | | | | | |
| 01072100 | SALMON FALLS RIVER AT MILTON, NH | | 44 | 110 | 27 | 24 | 16 | 40% | FALSE | FALSE | FALSE |
| 01073500 | LAMPREY RIVER NEAR NEWMARKET, NH | | 94 | 39 | 7 | 5 -- | | 241% | FALSE | FALSE | |
| **Merrimack River Basin** | | | | | | | | | | | |
| 01074520 | EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH | | 117 | 99.5 | 55 | 49 | 46 | 118% | FALSE | FALSE | FALSE |
| 01075000 | PEMIGEWASSET RIVER AT WOODSTOCK, NH | | 147 | 169 | 65 | 56 -- | | 87% | FALSE | FALSE | |
| 01076000 | BAKER RIVER NEAR RUMNEY, NH | | 39 | 60 | 18 | 15 -- | | 65% | FALSE | FALSE | |
| 01076500 | PEMIGEWASSET RIVER AT PLYMOUTH, NH | | 286 | 456 | 130 | 118 | 45 | 63% | FALSE | FALSE | FALSE |
| 01078000 | SMITH RIVER NEAR BRISTOL, NH | | 24 | 25 | 7 | 6.2 | 2.7 | 96% | FALSE | FALSE | FALSE |
| 01081000 | WINNIPESAUKEE RIVER AT TILTON, NH | | 508 | 334 | 143 | 136 | 48 | 152% | FALSE | FALSE | FALSE |
| 01081500 | MERRIMACK RIVER AT FRANKLIN JUNCTION, NH | | 1,050 | 1,295 | 520* | 551 -- | | 81% | | FALSE | |
| 01082000 | CONTOOCOOK RIVER AT PETERBOROUGH, NH | | 87 | 25 | 5.5 | 6.3 -- | | 348% | FALSE | FALSE | |
| 01085000 | CONTOOCOOK RIVER NEAR HENNIKER, NH | | 364 | 154 | 40 | 37 -- | | 236% | FALSE | FALSE | |
| 01085500 | CONTOOCOOK R BL HOPKINTON DAM AT W HOPKINTON, NH | | 470 | 150 | 35 | 39 -- | | 313% | FALSE | FALSE | |
| 01086000 | WARNER RIVER AT DAVISVILLE, NH | | 66 | 29 | 6 | 5.3 -- | | 228% | FALSE | FALSE | |
| 01087000 | BLACKWATER RIVER NEAR WEBSTER, NH | | 71 | 44 | 15.5 | 13.7 -- | | 161% | FALSE | FALSE | |
| 01090800 | PISCATAQUOG RIVER BL EVERETT DAM, NR E WEARE, NH | | 33 | 13 | 1.7 | 1.2 -- | | 254% | FALSE | FALSE | |
| 01091500 | PISCATAQUOG RIVER NEAR GOFFSTOWN, NH | | 153 | 30 | 8 | 8.8 -- | | 510% | FALSE | FALSE | |
| 01092000 | MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH | | 3,410 | 1,724 | 560* | 644 | 98* | 198% | | FALSE | |
| 01094000 | SOUHEGAN RIVER AT MERRIMACK, NH | | 177 | 41 | 15 | 12.9 -- | | 432% | FALSE | FALSE | |
| **Connecticut River Basin** | | | | | | | | | | | |
| 01129200 | CONNECTICUT R BELOW INDIAN STREAM NR PITTSBURG, NH | | 313 | 472 | 50 | 42 | 30 | 66% | FALSE | FALSE | FALSE |
| 01129440 | MOHAWK RIVER NEAR COLEBROOK NH | Dis | | 26 | 8.5 | 7.4 | 5.3 | | #VALUE! | #VALUE! | #VALUE! |
| 01129500 | CONNECTICUT RIVER AT NORTH STRATFORD, NH | | 530 | 781 | 220 | 176 | 108 | 68% | FALSE | FALSE | FALSE |
| 01130000 | UPPER AMMONOOSUC RIVER NEAR GROVETON, NH | Dis | | 157 | 55 | 49 | 32 | | #VALUE! | #VALUE! | #VALUE! |
| 01131500 | CONNECTICUT RIVER NEAR DALTON, NH | | 994 | 1,350 | 410 | 389 | 115 | 74% | FALSE | FALSE | FALSE |
| 01137500 | AMMONOOSUC RIVER AT BETHLEHEM JUNCTION, NH | | 63 | 94 | 32 | 28 | 21 | 67% | FALSE | FALSE | FALSE |
| 01138500 | CONNECTICUT RIVER AT WELLS RIVER, VT | | 1,780 | 2,330 | 480* | 690 | 152* | 76% | | FALSE | |
| 01144500 | CONNECTICUT RIVER AT WEST LEBANON, NH | | 1,880 | 2,839 | 380* | 902 | 82* | 66% | | FALSE | |
| 01145000 | MASCOMA RIVER AT WEST CANAAN, NH | Dis | | 30 | 5.6 | 4.4 -- | | | #VALUE! | #VALUE! | |
| 01150500 | MASCOMA RIVER AT MASCOMA, NH | Dis | | 84 | 27 | 26 | 2 | | #VALUE! | #VALUE! | #VALUE! |
| 01152500 | SUGAR RIVER AT WEST CLAREMONT, NH | | 171 | 89 | 40 | 38 | 14 | 192% | FALSE | FALSE | FALSE |
| 01154500 | CONNECTICUT RIVER AT NORTH WALPOLE, NH | | 2,440 | 3,570 | 260* | 1058 | 115* | 68% | | FALSE | |
| 01158000 | ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH | | 138 | 31 | 4.5 | 2.7 | 0.4 | 445% | FALSE | FALSE | FALSE |
| 01158600 | OTTER BROOK BELOW OTTER BROOK DAM, NEAR KEENE, NH | | 46 | 12 | 1.6 | 1.1 | 0.3 | 383% | FALSE | FALSE | FALSE |
| 01160350 | ASHUELOT RIVER AT WEST SWANZEY, NH | | 340 | 108 | 32 -- | -- | | 315% | FALSE | | |

*Flow duration and record low mean daily flow significantly affected by reservoir operations

**Estimated

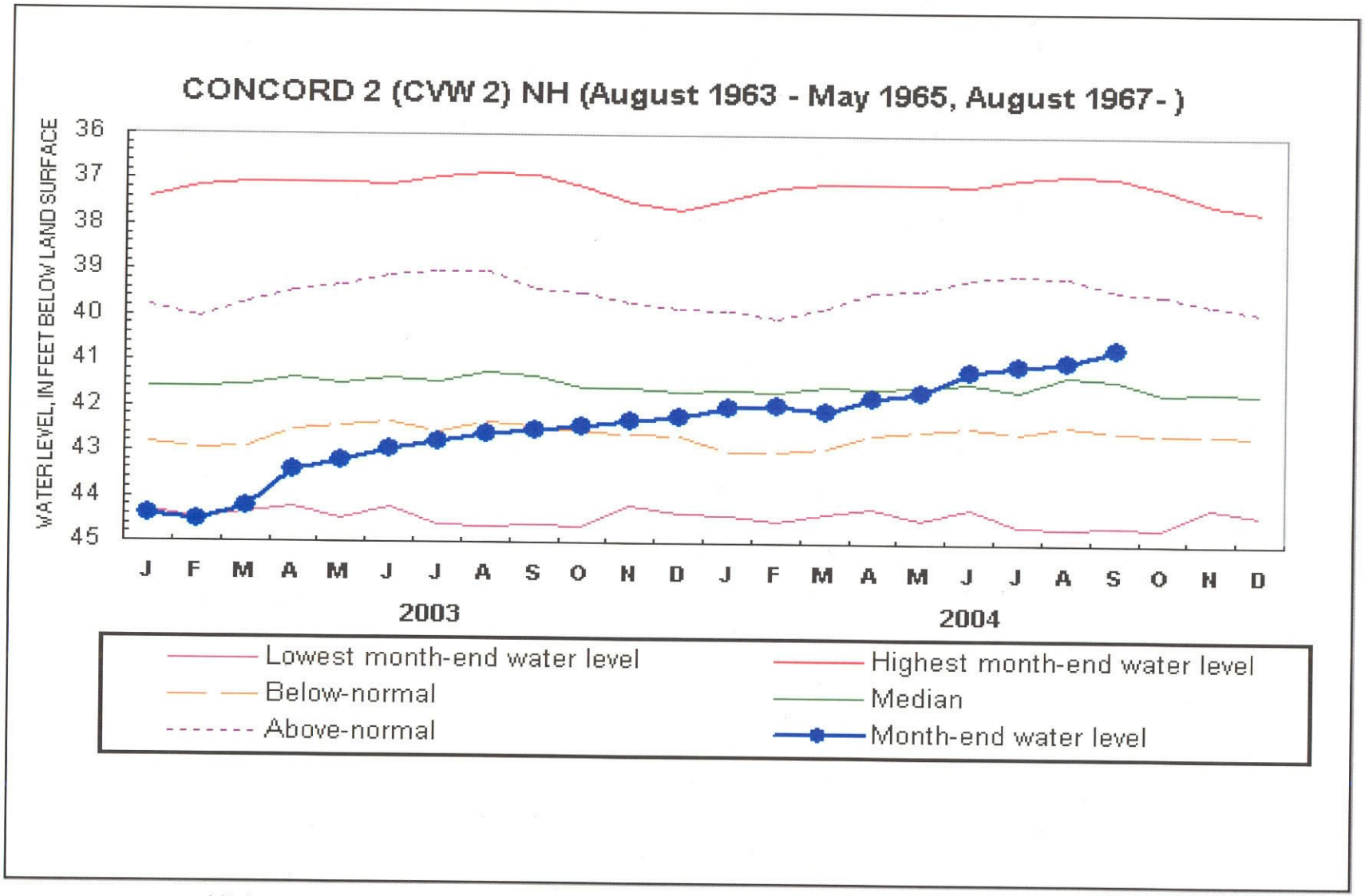
Source: USGS, NH DES

| SUMMARY | Below 0.99 Flow? | Below 7Q10 Flow? | Below Record Flow? |
|---|---|---|---|
| FALSE = | 29 | 33 | 17 |
| TRUE = | 0 | 0 | 0 |

# New Hampshire Groundwater Levels for September 2004

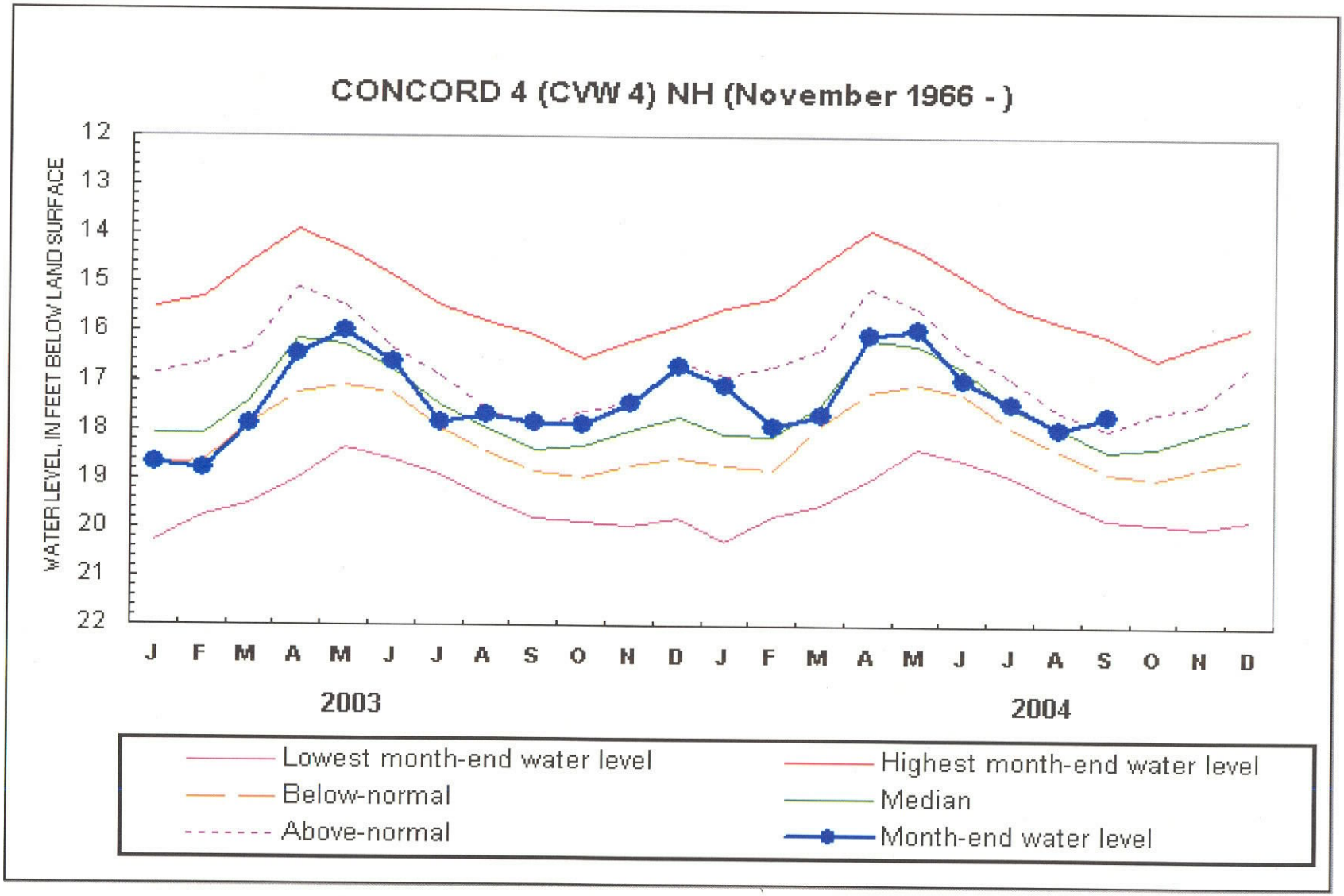
| WELL | START OF RECORD | WATER LEVEL BELOW SURFACE DATUM (ft) | NET CHANGE IN ONE MONTH (ft) | NET CHANGE IN ONE YEAR (ft) | MEDIAN | RANGE (ft) | DEPARTURE FROM MONTHLY MEDIAN (FT) | PERCENT OF RANGE | STATUS |
|---|---|---|---|---|---|---|---|---|---|
| ALBANY 14 | 1995 | 6.41 | +0.41 | -0.33 | 7.07 | 2.07 | +0.66 | 31.9 | ABOVE NORMAL |
| ALBANY 15 | 1995 | 8.51 | +0.29 | -0.44 | 8.80 | 2.00 | +0.29 | 14.5 | NORMAL |
| BARNSTEAD 10 | 1995 | 2.97 | +0.01 | -0.09 | 3.22 | 0.34 | +0.25 | 73.5 | ABOVE NORMAL |
| CAMPTON 34 | 1988 | 13.21 | -0.02 | -0.82 | 13.92 | 1.92 | +0.71 | 37 | NORMAL |
| COLEBROOK 73 | 1995 | 8.00 | -0.75 | +0.21 | 8.01 | 3.23 | 0.01 | 0.3 | NORMAL |
| CONCORD 2 | 1963 | 40.71 | +0.26 | +1.81 | 41.38 | 4.49 | +0.67 | 14.9 | NORMAL |
| CONCORD 4 | 1966 | 17.69 | +0.29 | +0.17 | 18.42 | 2.34 | +0.73 | 31.2 | ABOVE NORMAL |
| DEERFIELD 46 | 1984 | 38.81 | -0.21 | +0.15 | 39.25 | 0.50 | +0.44 | 88.0 | ABOVE NORMAL |
| ENFIELD 30 | 1990 | 8.41 | -0.69 | -2.00 | 7.78 | 1.35 | -0.63 | -46.7 | NORMAL |
| ERROL 1 | 1966 | ---- | ---- | ---- | 12.8 | ---- | ---- | ---- | ---- |
| FRANKLIN 1 | 1966 | 12.10 | -0.32 | +1.22 | 13.07 | 2.89 | +0.97 | 33.6 | ABOVE NORMAL |
| GREENFIELD 75 | 1995 | 61.44 | -0.56 | +0.83 | 62.19 | 1.96 | +0.75 | 38.3 | NORMAL |
| HOOKSETT 5 | 1965 | 48.02 | +0.87 | +0.50 | 49.41 | 2.04 | +1.39 | 68.1 | ABOVE NORMAL |
| KEENE 2 | 1963 | 2.14 | +1.08 | +1.60 | 4.67 | 1.87 | +2.53 | 135.3 | ABOVE NORMAL |
| LANCASTER 1 | 1966 | 1.90 | -0.30 | +0.30 | 2.20 | 0.80 | +0.30 | 37.5 | ABOVE NORMAL |
| LEE 1 | 1953 | 30.86 | +0.02 | +0.69 | 31.60 | 1.16 | +0.74 | 63.8 | ABOVE NORMAL |
| LISBON 19 | 1990 | 13.89 | +0.40 | +0.46 | 14.72 | 2.22 | +0.83 | 37.4 | ABOVE NORMAL |
| NASHUA 218 | 1964 | 27.91 | +0.23 | +0.03 | 29.18 | 1.60 | +1.27 | 79.4 | ABOVE NORMAL |
| NEW DURHAM 53 | 1986 | 19.26 | -0.03 | +0.04 | 19.73 | 0.43 | +0.47 | 109.3 | ABOVE NORMAL |
| NEW LONDON 1 | 1947 | 10.47 | +0.03 | -0.82 | 13.13 | 6.17 | +2.66 | 43.1 | ABOVE NORMAL |
| NEWPORT 3 | 1995 | 6.05 | +0.46 | +0.12 | 6.89 | 1.90 | +0.84 | 44.2 | ABOVE NORMAL |
| NEWPORT 6 | 1995 | 6.14 | +0.47 | +0.13 | 6.94 | 1.94 | +0.80 | 41.2 | ABOVE NORMAL |
| OSSIPEE 38 | 1995 | 35.96 | -0.28 | +0.19 | 36.03 | 1.15 | +0.07 | 6.1 | NORMAL |
| SHELBURNE 2 | 1995 | 5.06 | +0.10 | -0.25 | 5.12 | 1.82 | +0.06 | 3.3 | NORMAL |
| WARNER 1 | 1965 | 30.75 | -0.13 | -0.45 | 31.32 | 1.07 | +0.57 | 53.3 | ABOVE NORMAL |

Source: USGS, NH DES




Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2000 are provisional and subject to revision.

Source: NH DES, Dam Bureau, USGS

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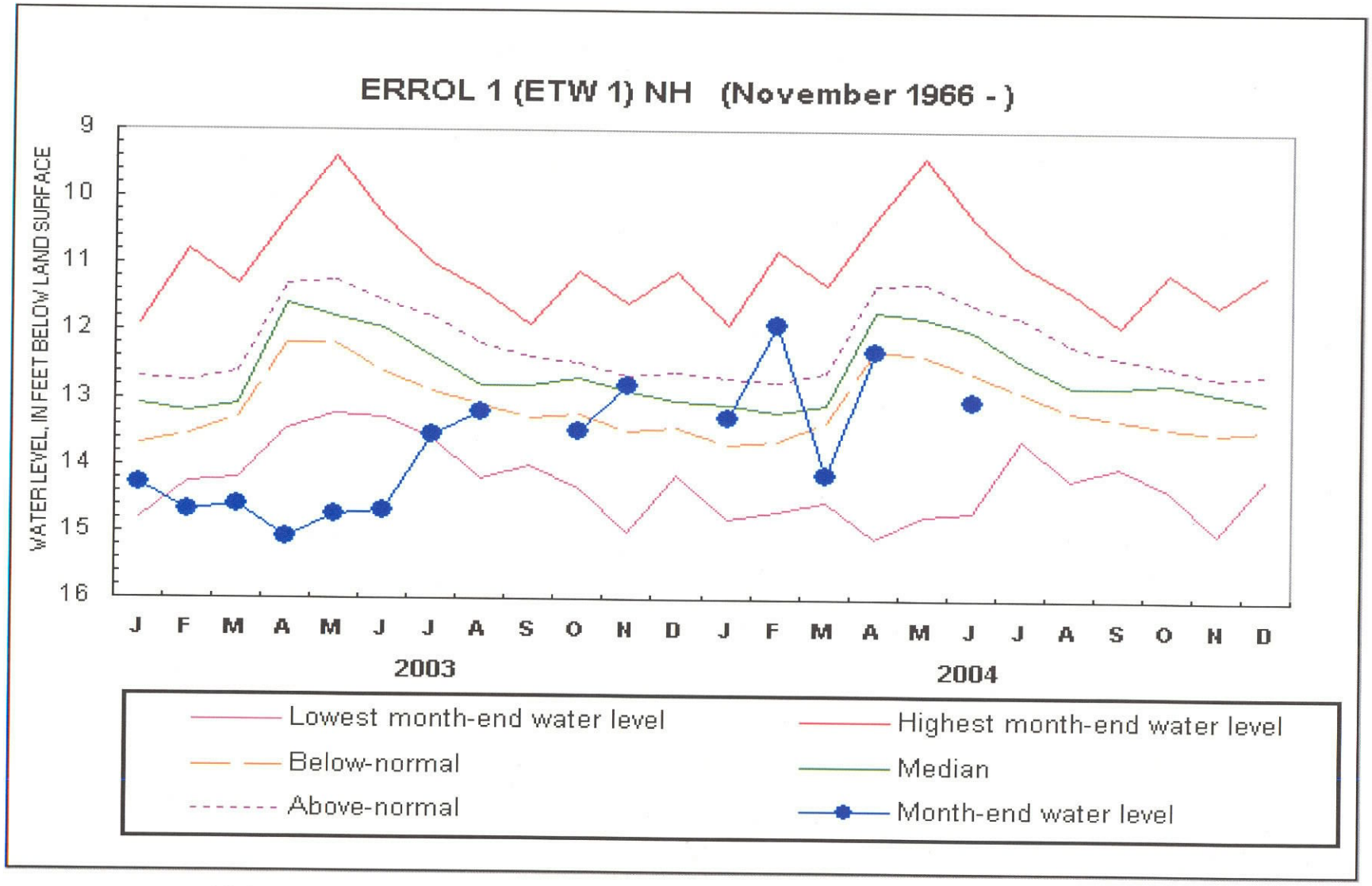


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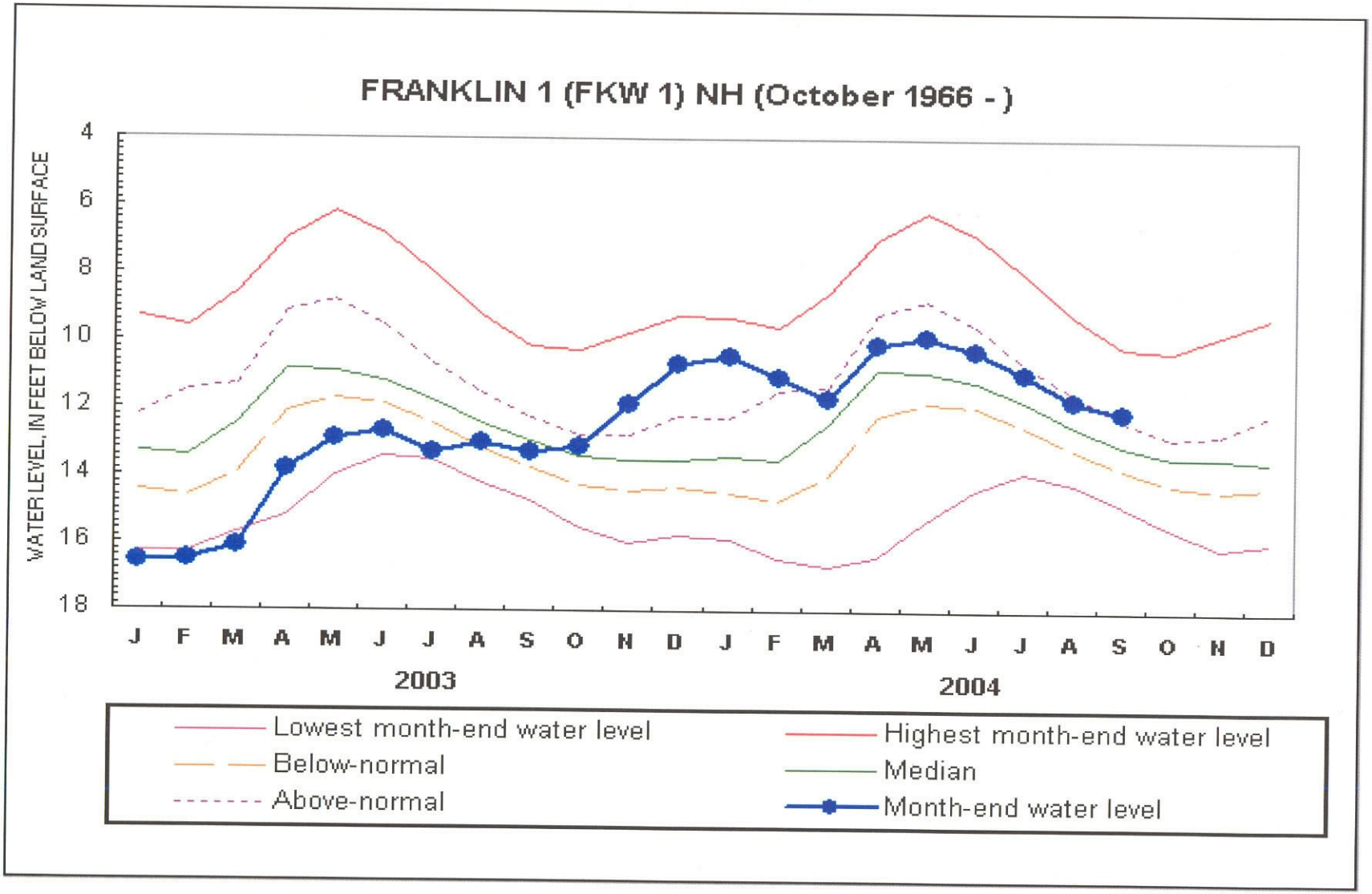


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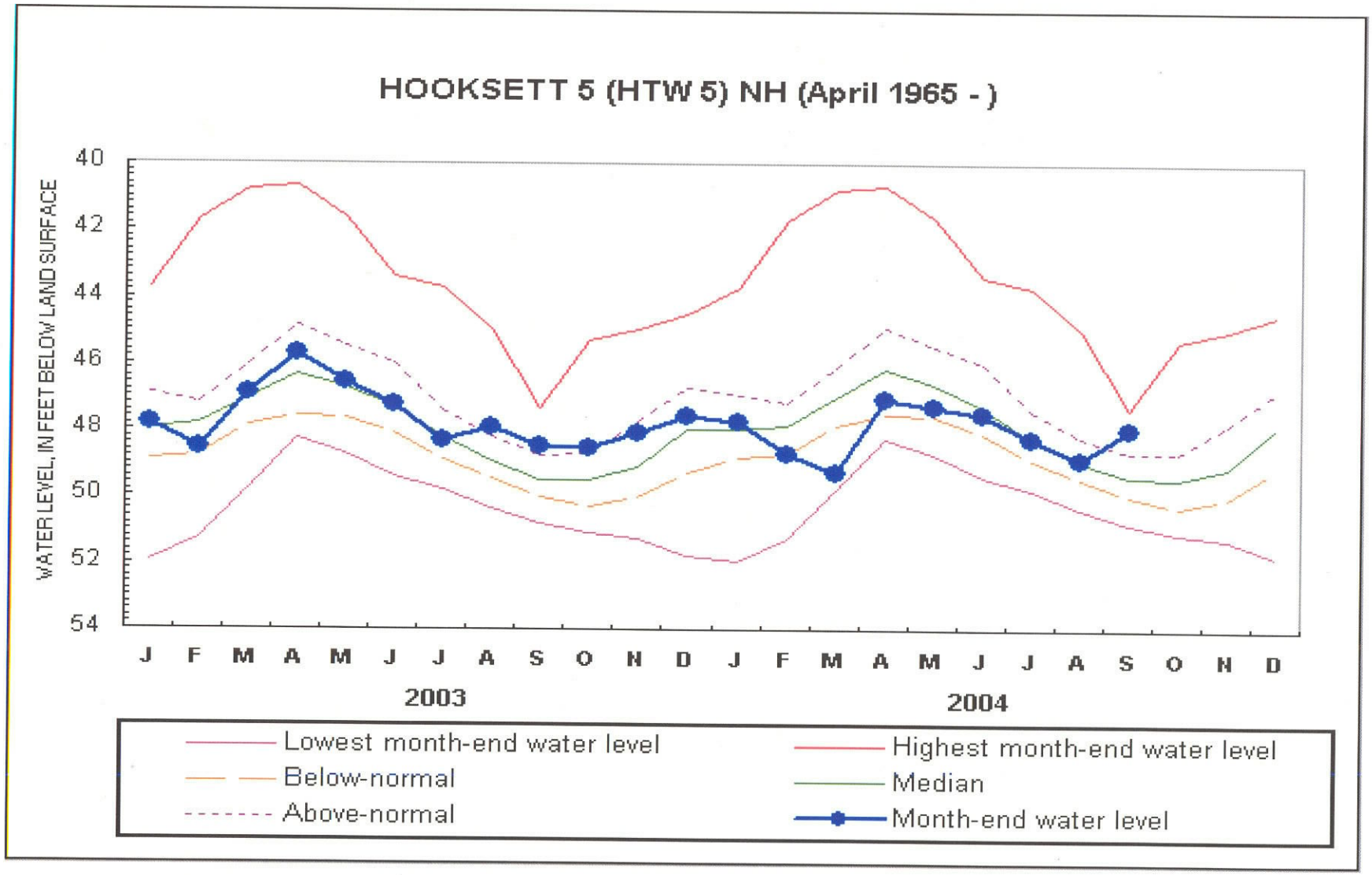


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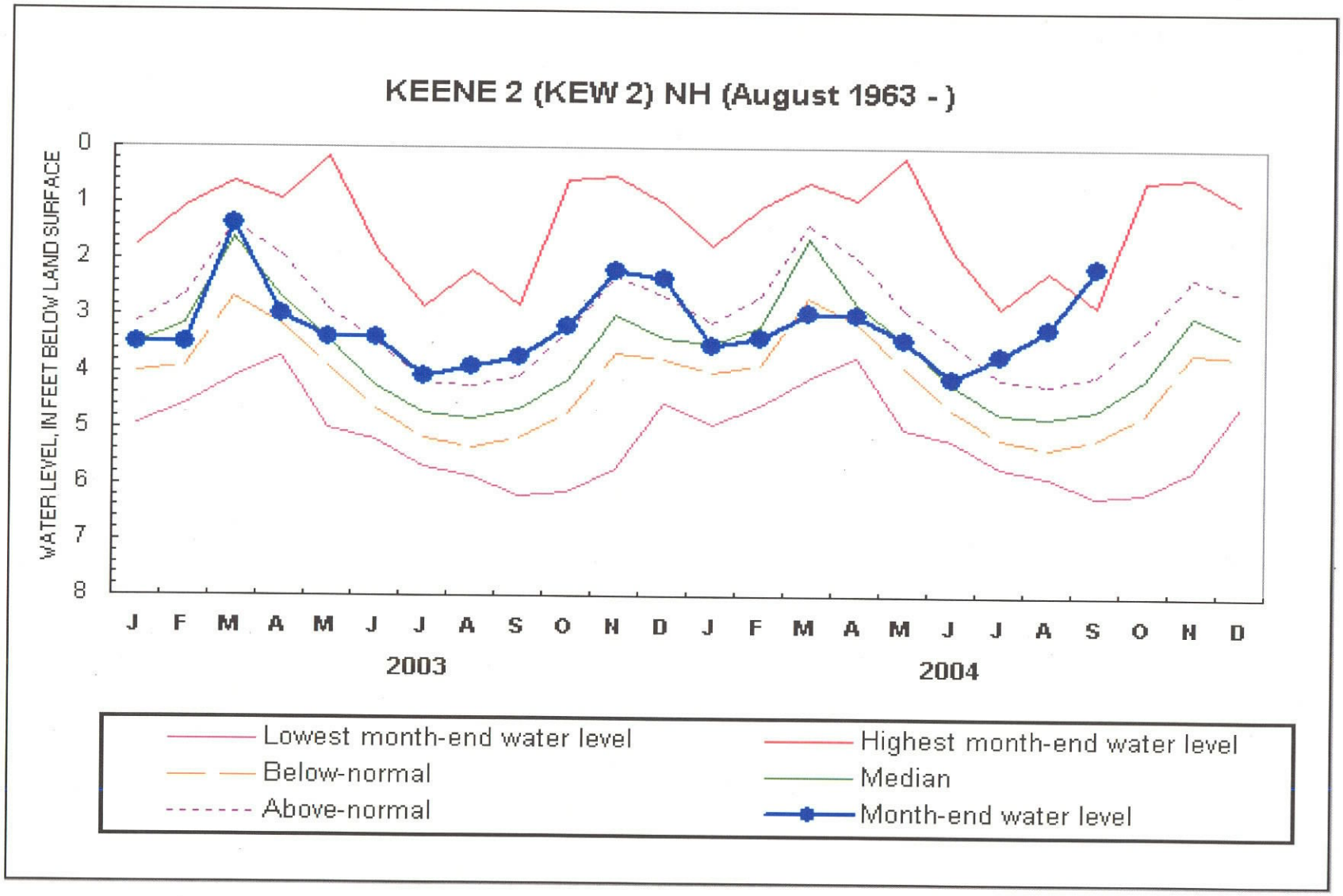


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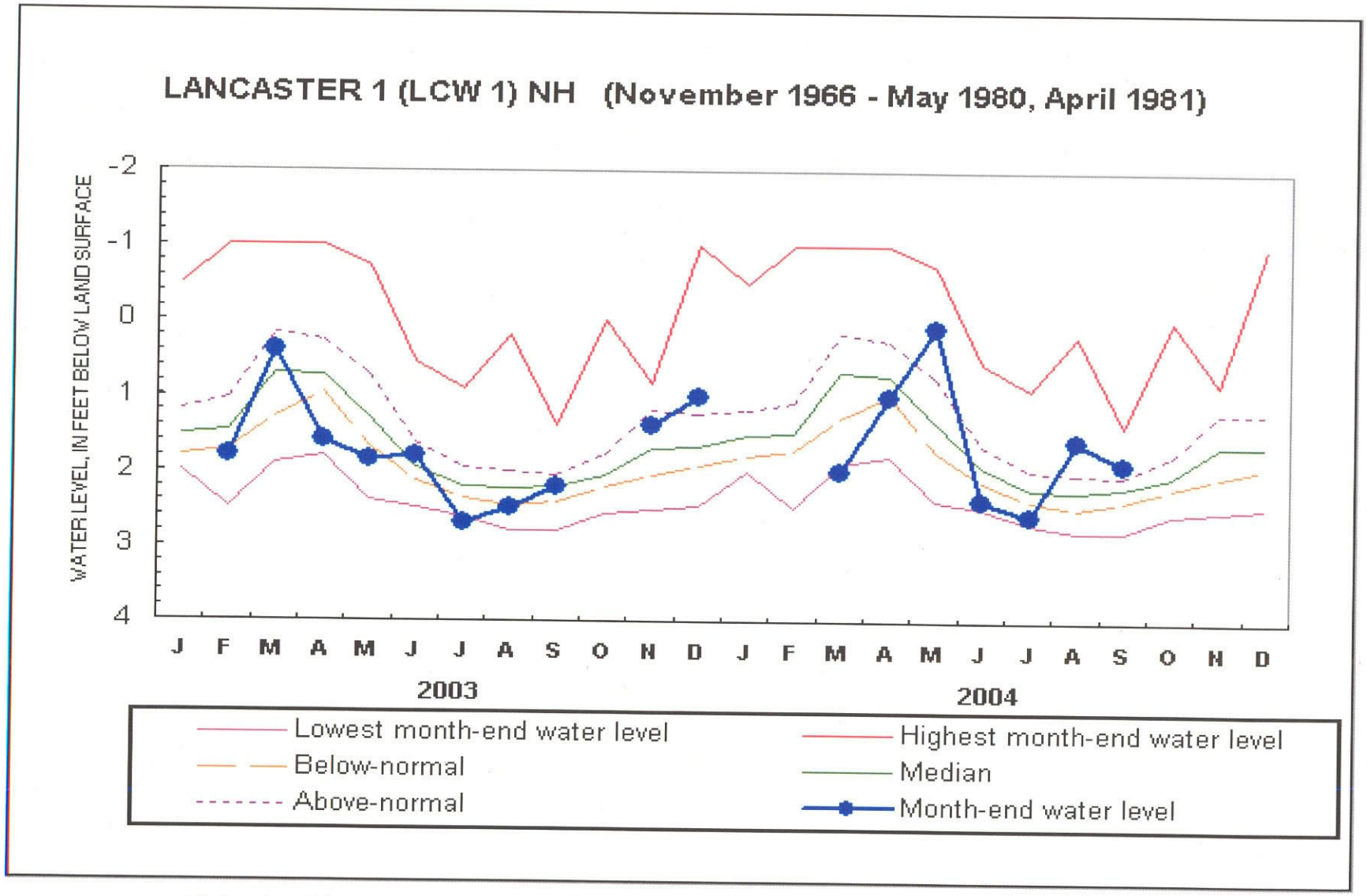


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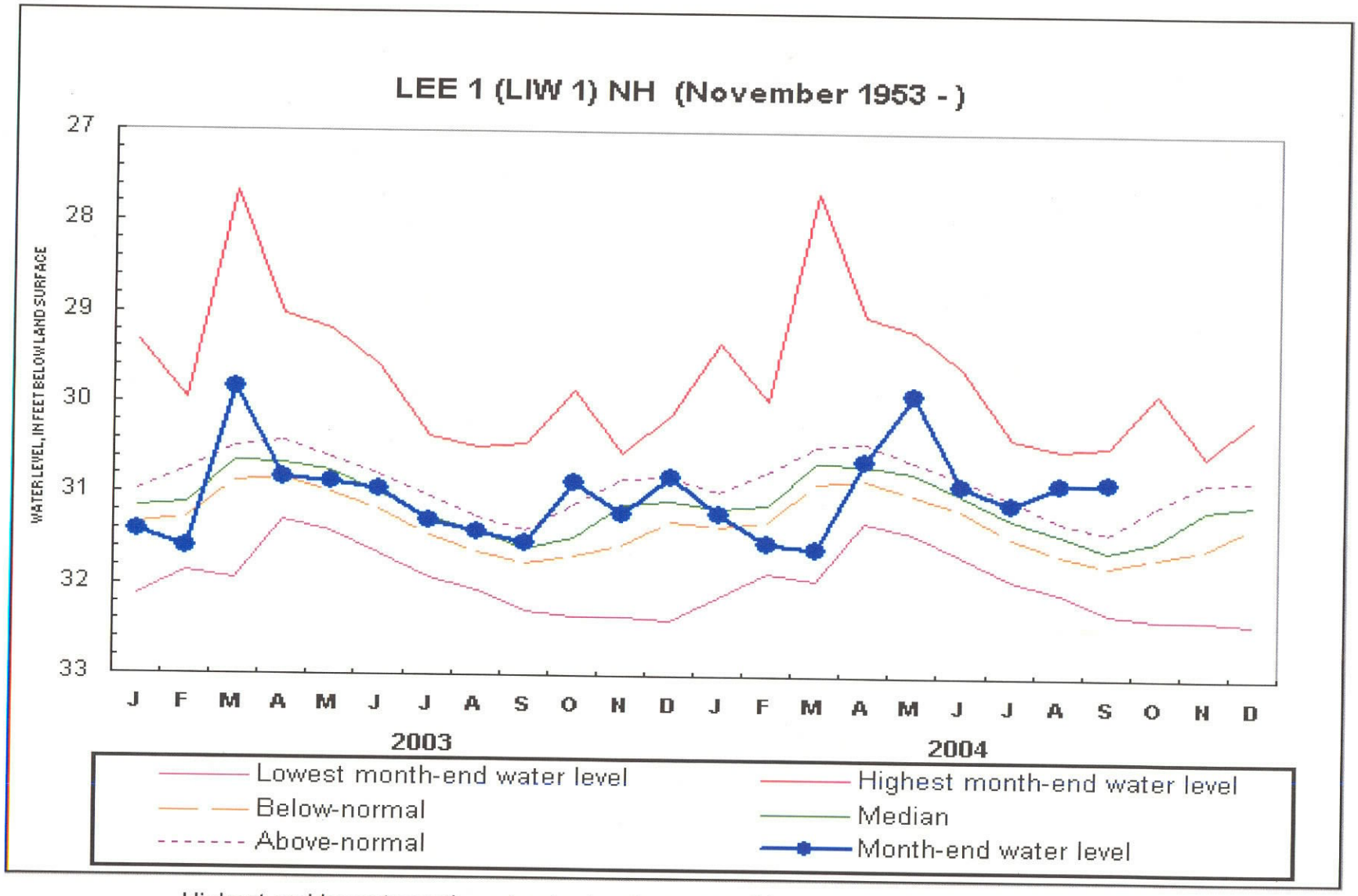


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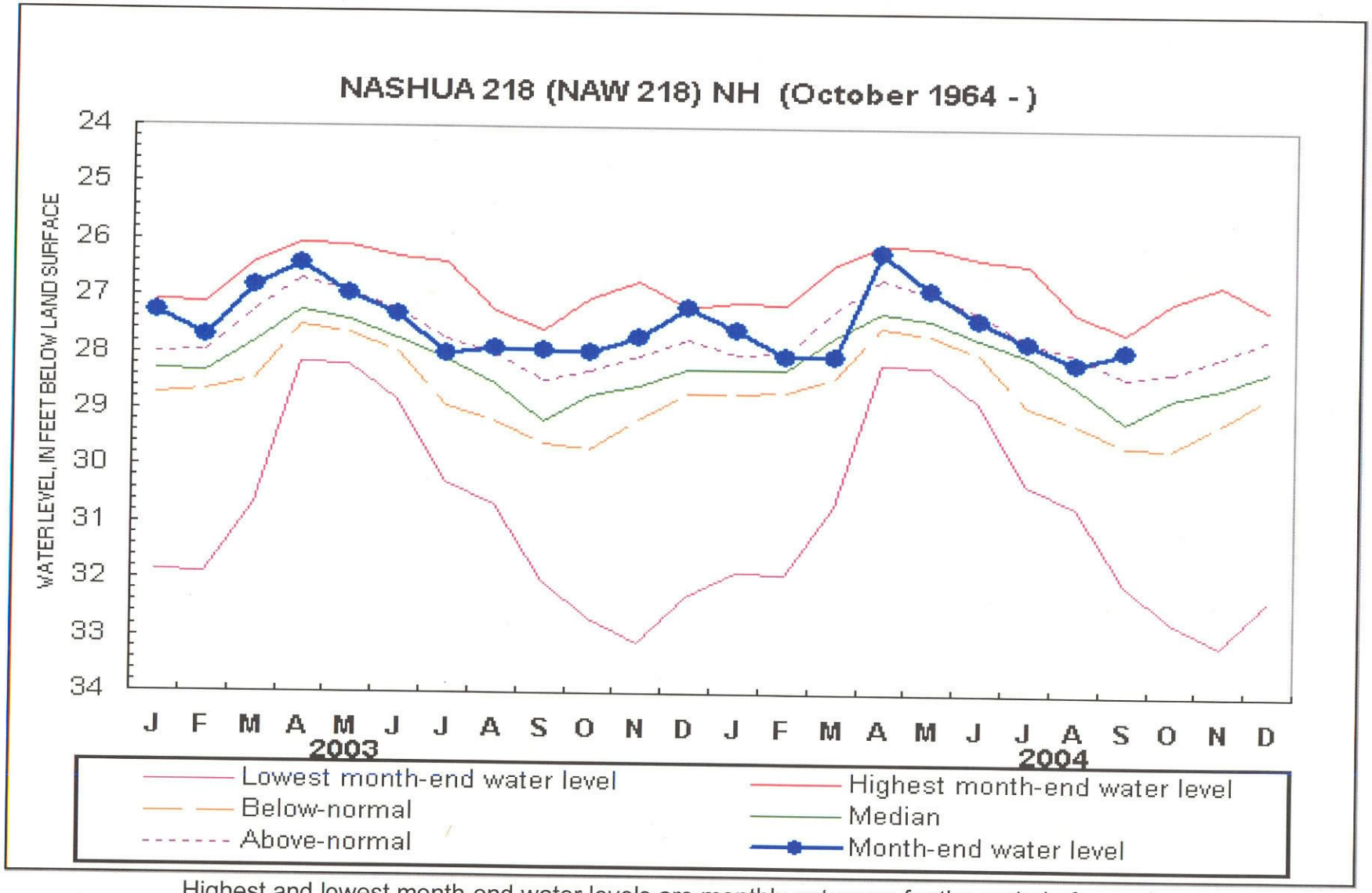


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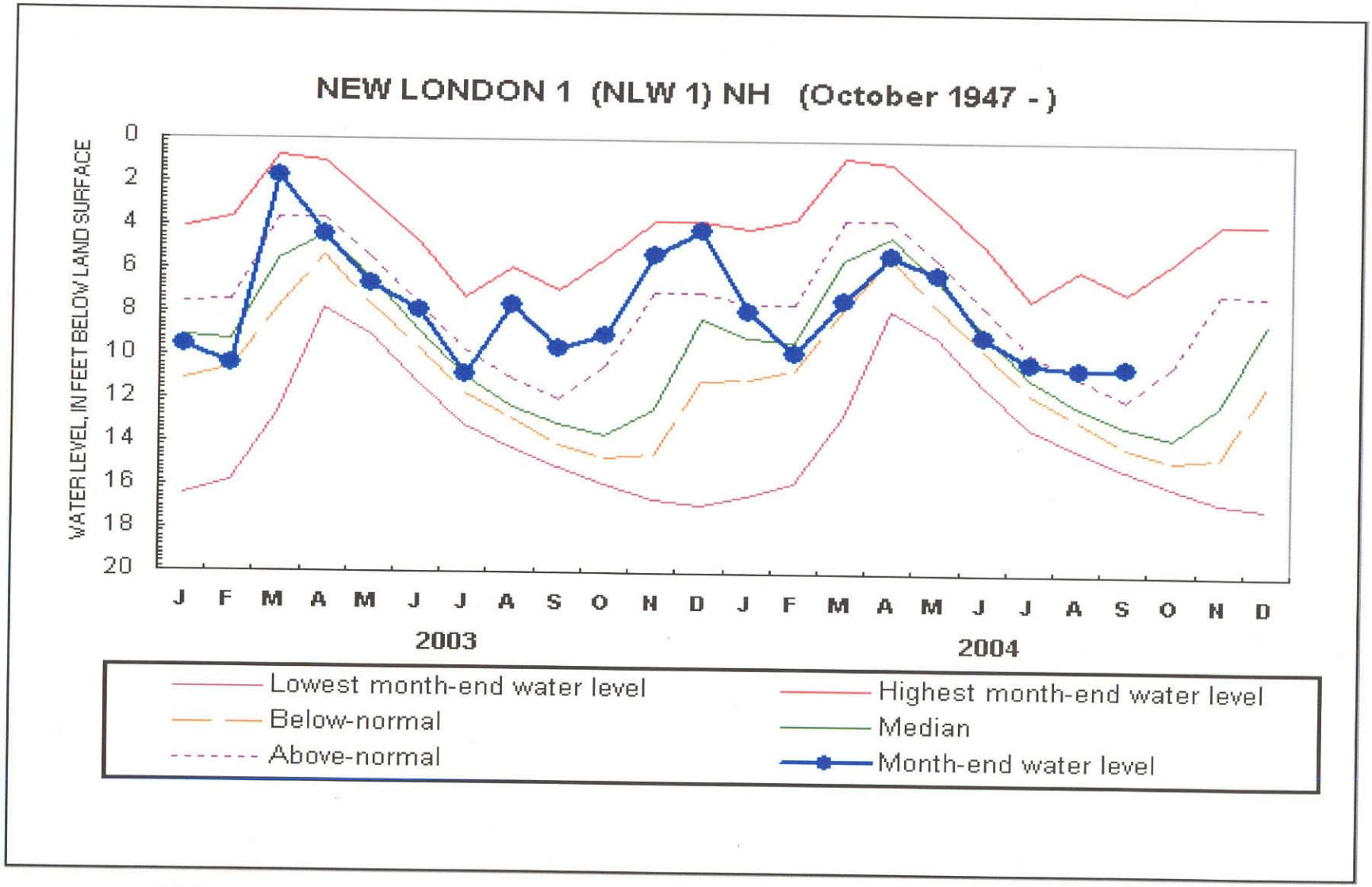


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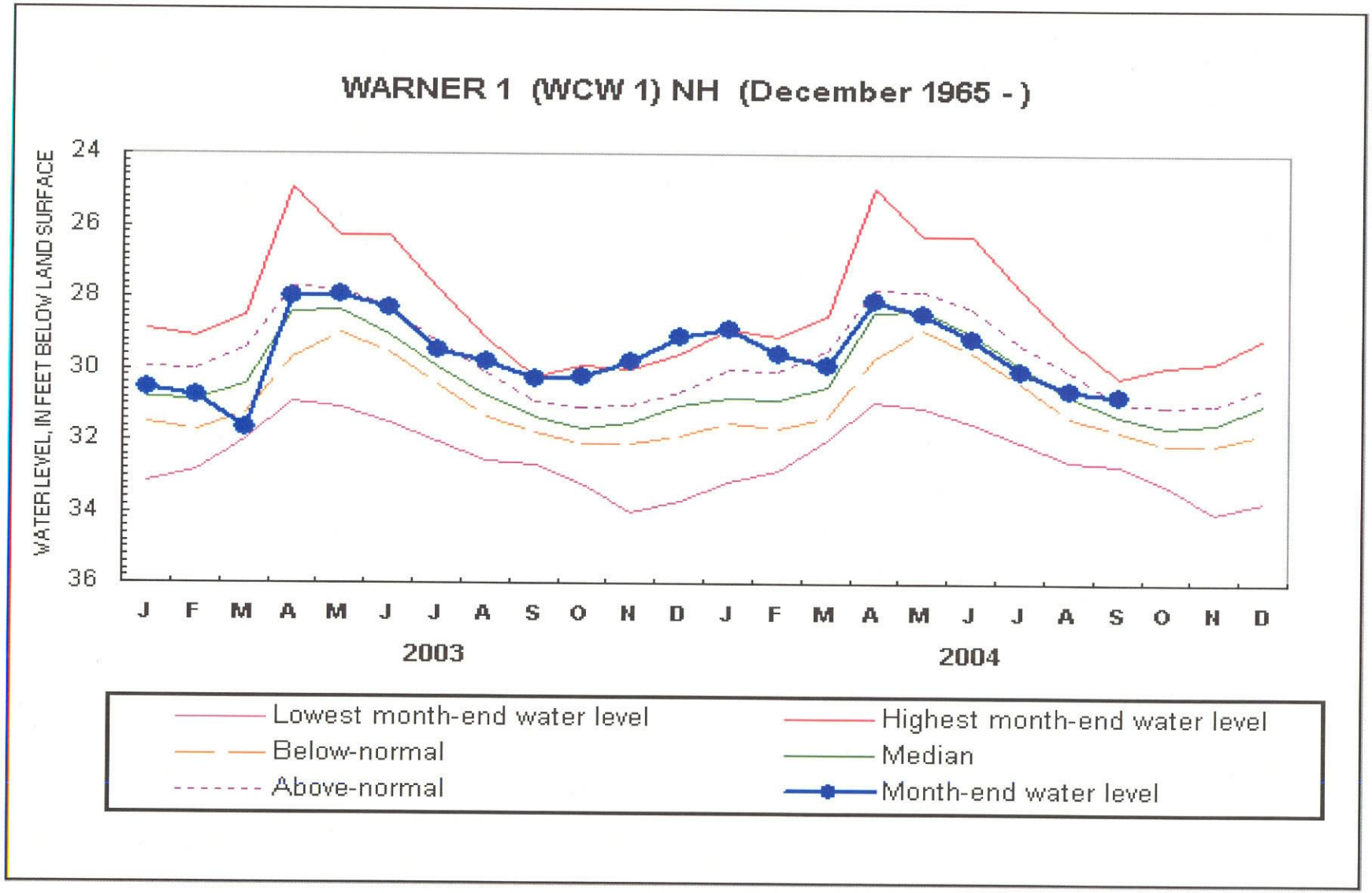


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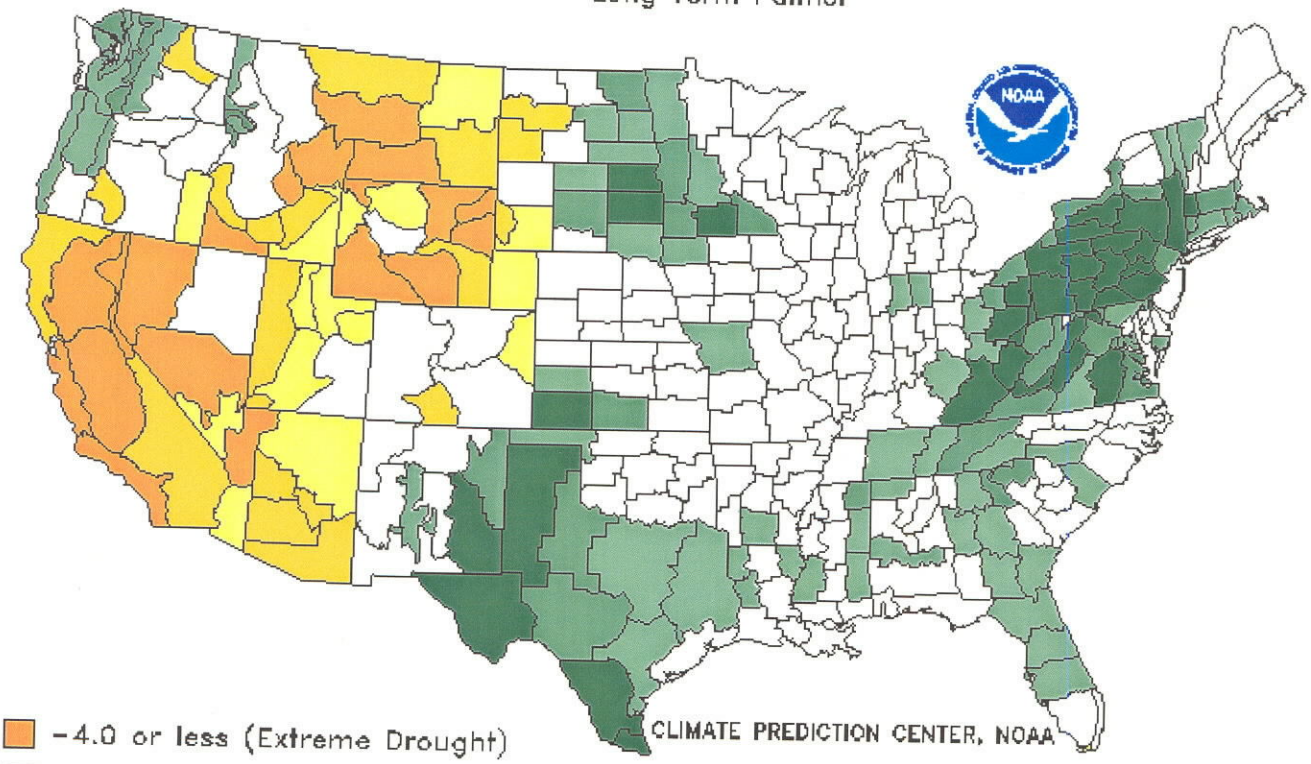
Source: NH DES, Dam Bureau, USGS

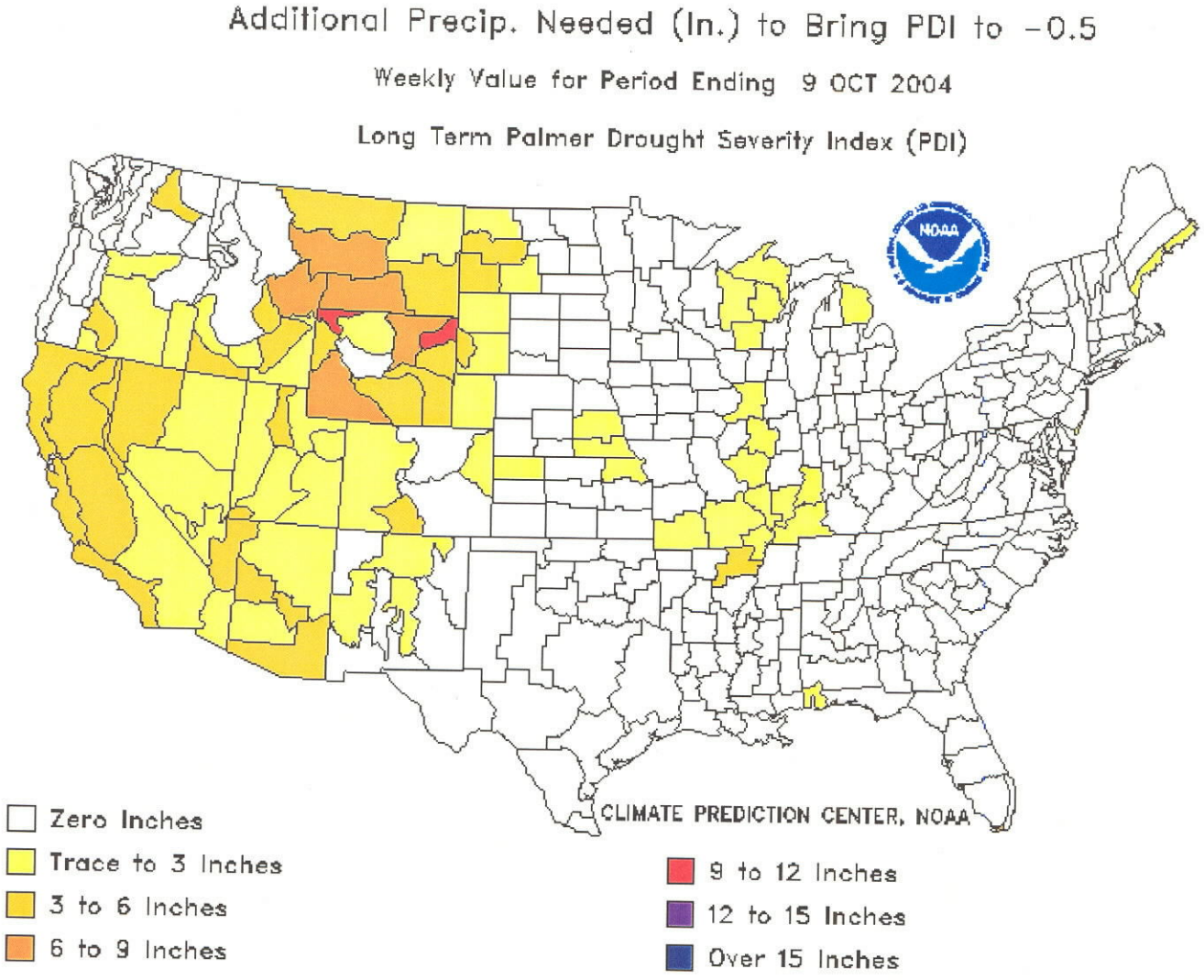
# Drought Severity Index by Division

Weekly Value for Period Ending 9 OCT 2004

Long Term Palmer




- -4.0 or less (Extreme Drought)
- -3.0 to -3.9 (Severe Drought)
- -2.0 to -2.9 (Moderate Drought)
- -1.9 to +1.9 (Near Normal)
- +2.0 to +2.9 (Unusual Moist Spell)
- +3.0 to +3.9 (Very Moist Spell)
- +4.0 and above (Extremely Moist)




This is the amount of rainfall required in a week's time to bring the index back to zero inches required.